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TITLE: INFORMATION TRANSMITTING PROCESSOR  
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INVENTOR-INFORMATION:  
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ASSIGNEE-INFORMATION:  
NAME COUNTRY  
TOKYO ELECTRIC CO LTD N/A

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ABSTRACT:

PURPOSE: To rapidly detect and correct an error by transmitting an error message including contents specifying the position of the error to the terminating side.

CONSTITUTION: Information transmitted from the terminating side is stored in a receiving buffer 51. A control part 10 reads out the information stored in the buffer 51 successively from its head in each byte, stores the number of units of the read information in a counter 54 and discriminates whether an error exists in the read information or not. At the existence of an error, an error message including the contents of the counter 54 is formed in a transmission buffer 52 and then the contents of the buffer 52 are

transmitted  
to the terminating side. Thereby, the terminating side can know the  
byte  
number of the byte including the error counted from the head of the  
information  
from the contents of the counter included in the error message, so  
that the  
error can be rapidly detected and corrected.

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